

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133315.D
 Acq On : 09 May 2023 14:00
 Operator : CG\JU
 Sample : 02665-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-612-COMP-01

Quant Time: May 10 01:46:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

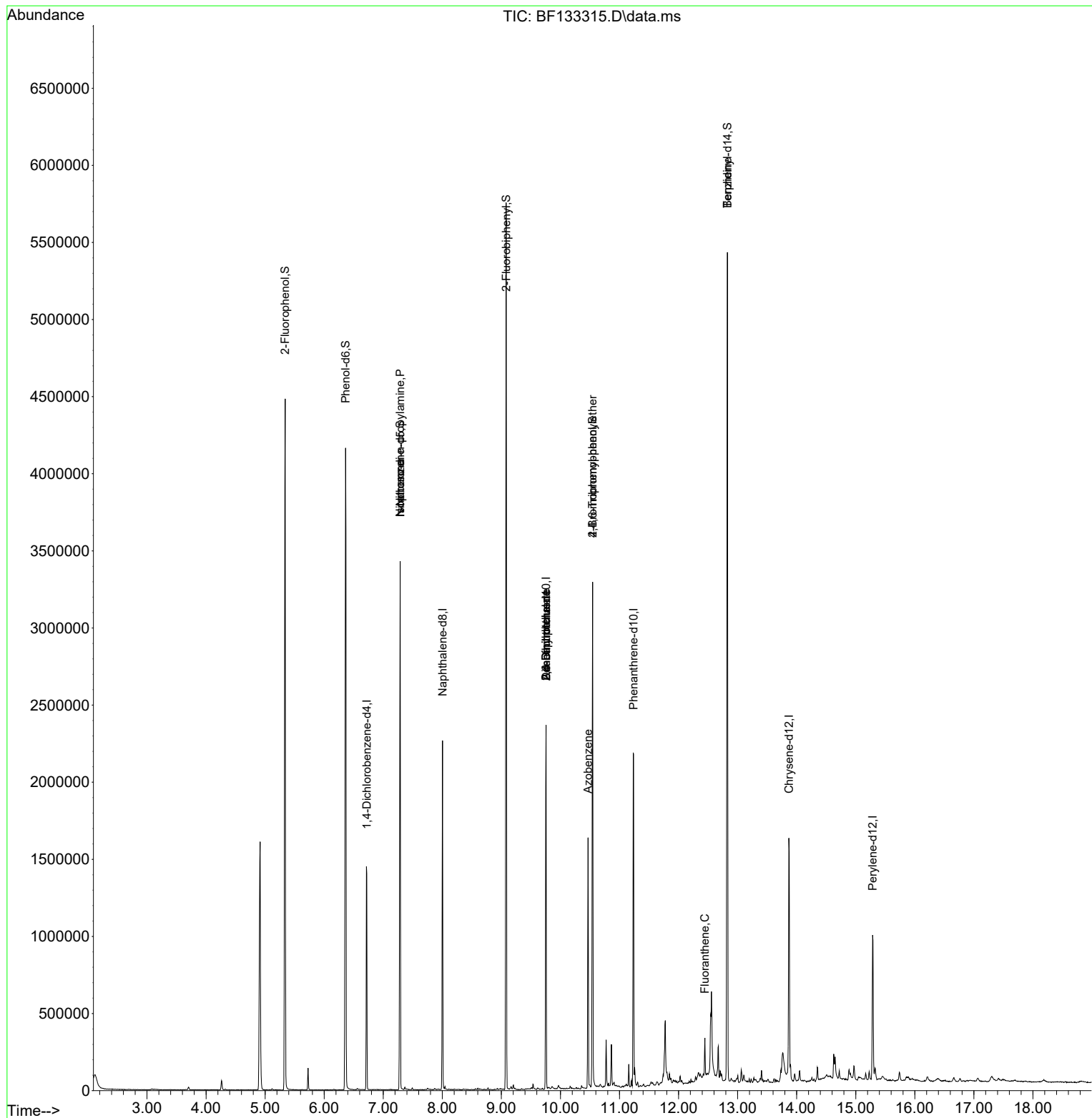
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	211834	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	850026	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	451596	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	822077	20.000	ng	# 0.00
76) Chrysene-d12	13.868	240	515372	20.000	ng	-0.01
86) Perylene-d12	15.286	264	409120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1338328	95.438	ng	0.01
7) Phenol-d6	6.363	99	1659513	95.344	ng	0.00
23) Nitrobenzene-d5	7.287	82	996110	63.253	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	398576	87.760	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1716642	63.595	ng	0.00
79) Terphenyl-d14	12.827	244	1956019	65.457	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.263	77	247	Below Cal	#	71
19) n-Nitroso-di-n-propyla...	7.287	70	133251	12.297	ng	# 78
25) Isophorone	7.287	82	996100	33.314	ng	# 63
50) Dimethylphthalate	9.757	163	94286	2.994	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	58177	8.209	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	58177	6.437	ng	# 24
63) Azobenzene	10.469	77	256683	8.147	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	24976	2.801	ng	# 1
75) Fluoranthene	12.445	202	90913	2.050	ng	95
77) Benzidine	12.827	184	24746	2.839	ng	# 92

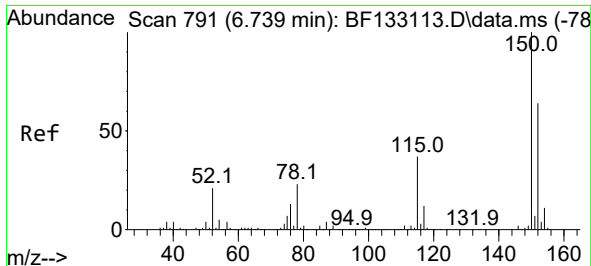
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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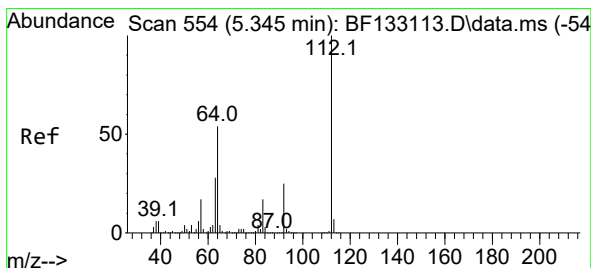
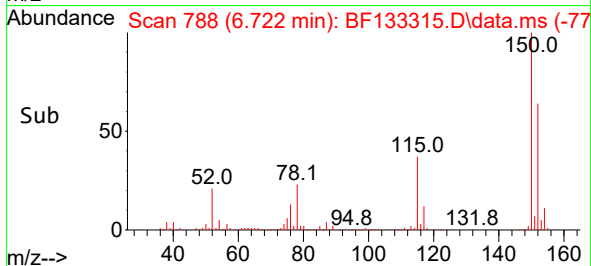
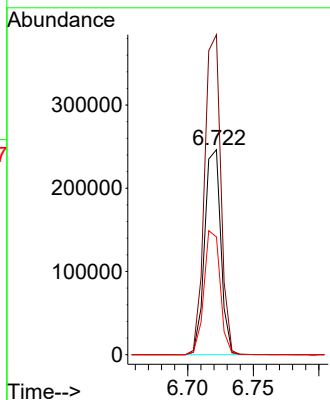
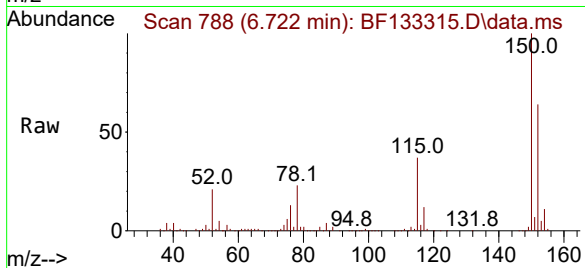




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133315.D
 Acq: 09 May 2023 14:00

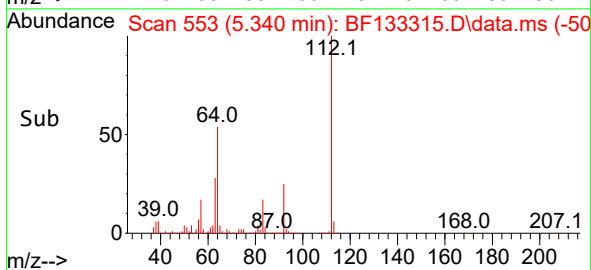
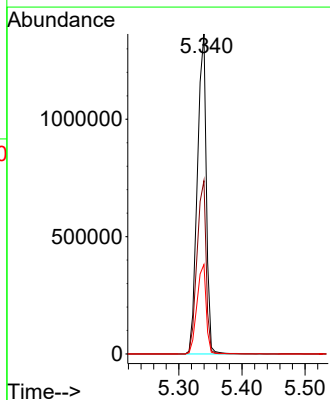
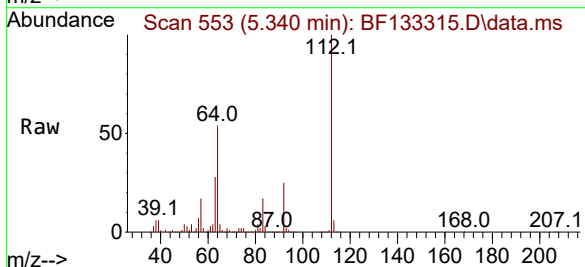
Instrument :
 BNA_F
 ClientSampleId :
 TR-612-COMP-01

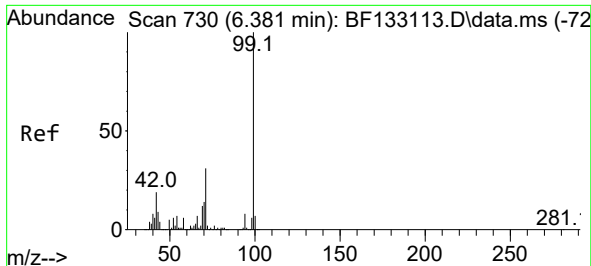
Tgt Ion:152 Resp: 211834
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.8 187.2
 115 57.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 95.438 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.012 min
 Lab File: BF133315.D
 Acq: 09 May 2023 14:00

Tgt Ion:112 Resp: 1338328
 Ion Ratio Lower Upper
 112 100
 64 54.2 46.8 70.2
 63 27.9 23.8 35.8

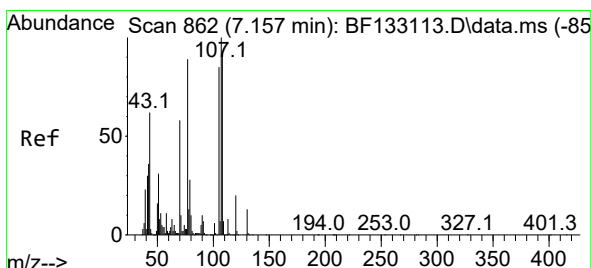
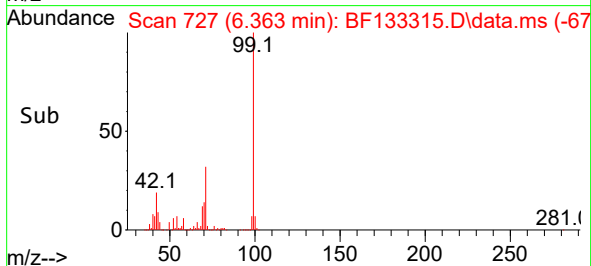
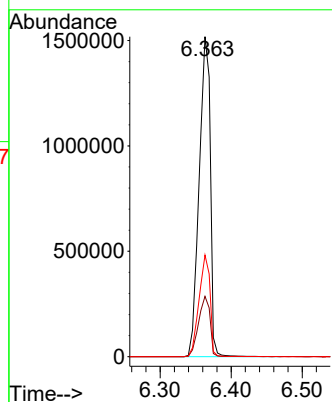
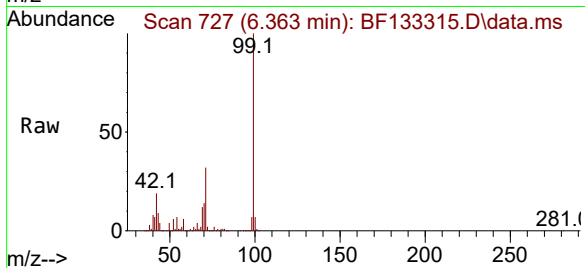




#7
Phenol-d6
Concen: 95.344 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133315.D
Acq: 09 May 2023 14:00

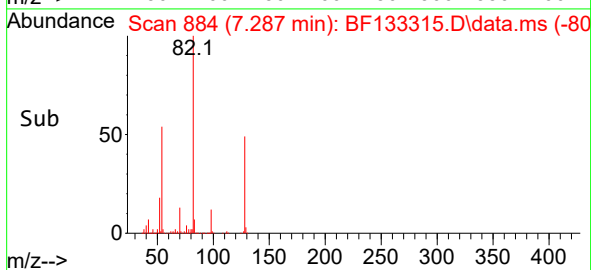
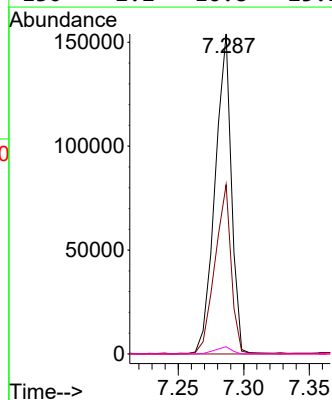
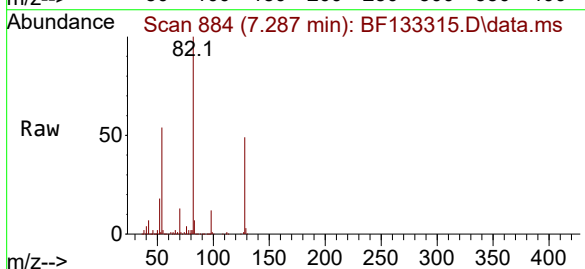
Instrument :
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ClientSampleId :
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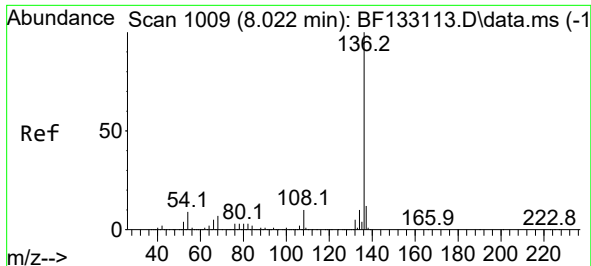
Tgt Ion: 99 Resp: 1659513
Ion Ratio Lower Upper
99 100
42 18.8 16.3 24.5
71 31.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.297 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133315.D
Acq: 09 May 2023 14:00

Tgt Ion: 70 Resp: 133251
Ion Ratio Lower Upper
70 100
42 52.9 51.8 77.6
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

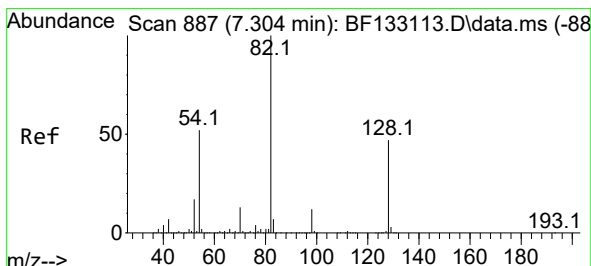
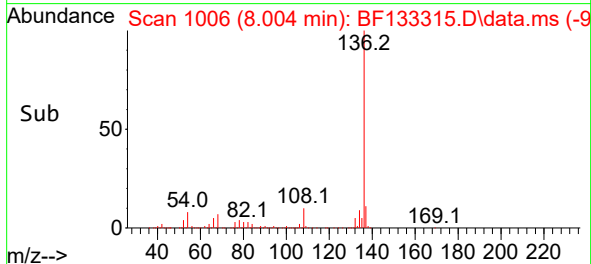
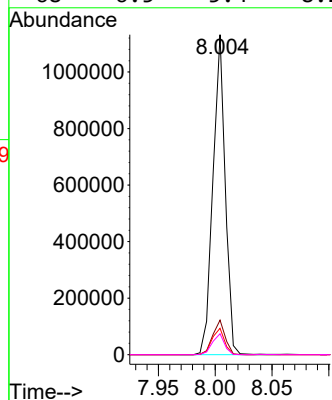
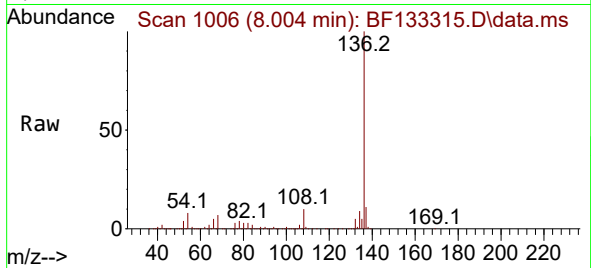




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133315.D
Acq: 09 May 2023 14:00

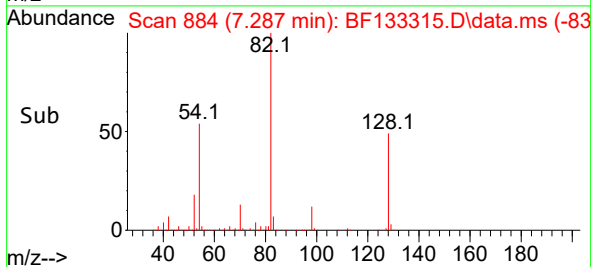
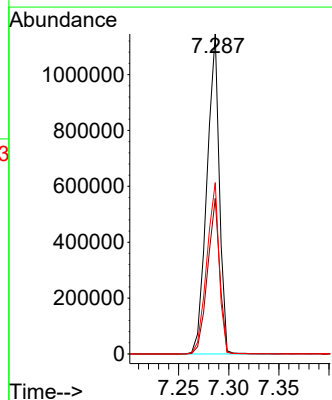
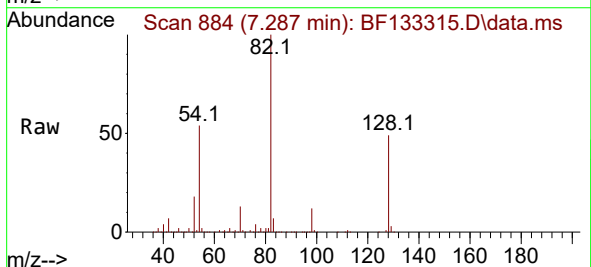
Instrument :
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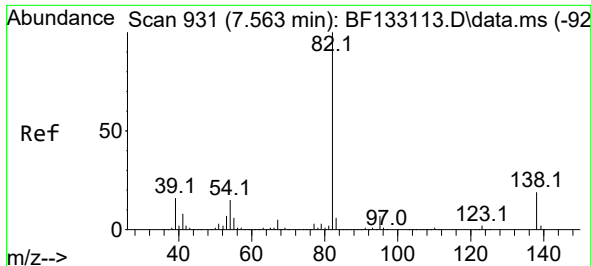
Tgt Ion:136 Resp: 850026
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.2 7.0 10.4
68 6.5 5.4 8.2



#23
Nitrobenzene-d5
Concen: 63.253 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133315.D
Acq: 09 May 2023 14:00

Tgt Ion: 82 Resp: 996110
Ion Ratio Lower Upper
82 100
128 48.6 37.7 56.5
54 53.6 43.0 64.4

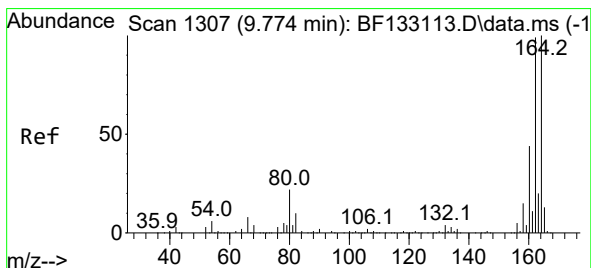
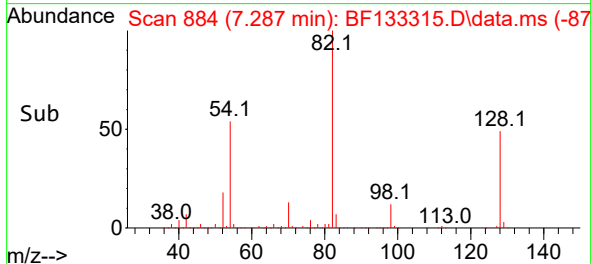
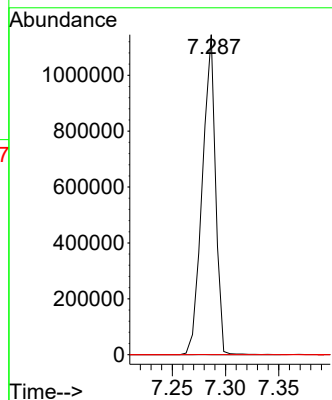
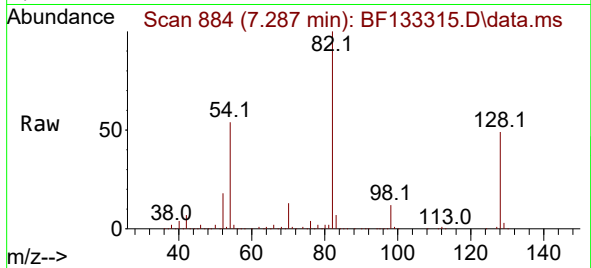




#25
Isophorone
Concen: 33.314 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133315.D
Acq: 09 May 2023 14:00

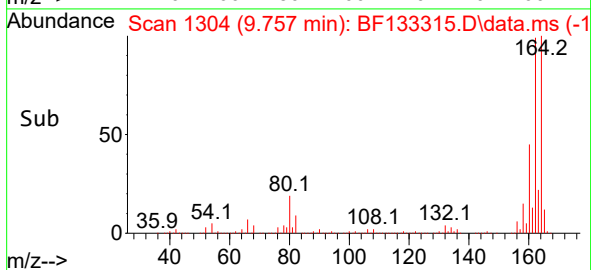
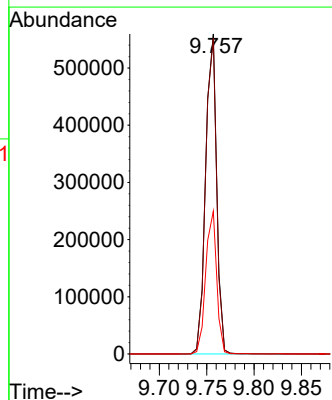
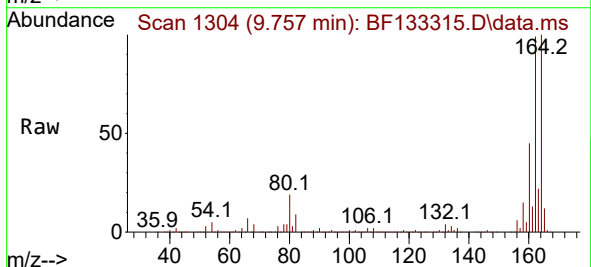
Instrument :
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ClientSampleId :
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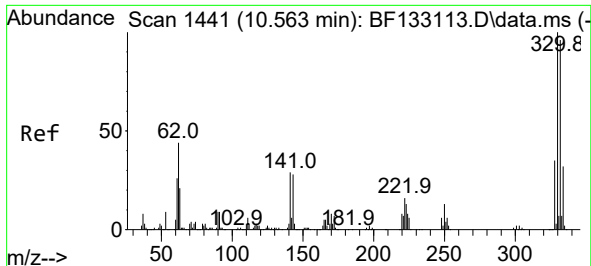
Tgt Ion: 82 Resp: 996100
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133315.D
Acq: 09 May 2023 14:00

Tgt Ion: 164 Resp: 451596
Ion Ratio Lower Upper
164 100
162 98.7 78.7 118.1
160 44.6 35.8 53.6

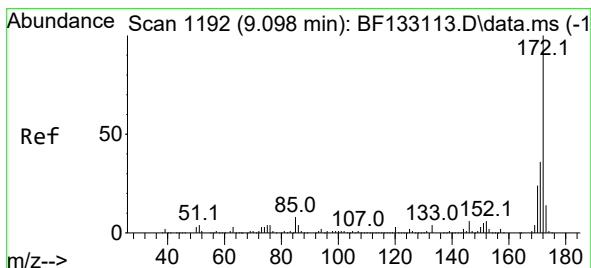
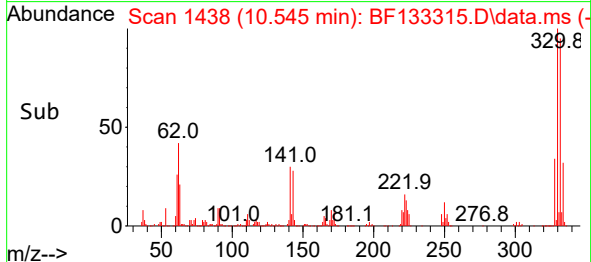
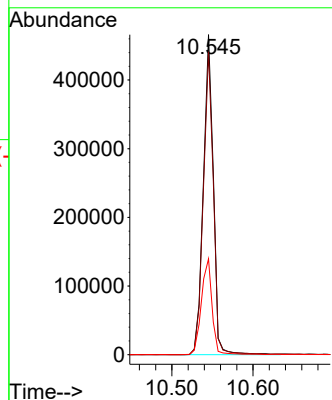
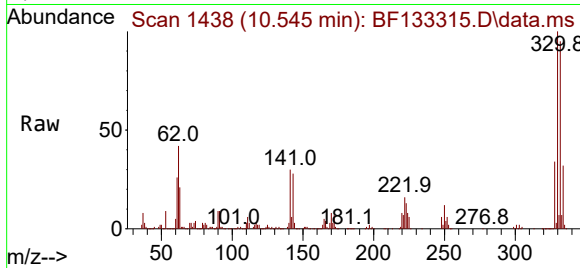




#42
2,4,6-Tribromophenol
Concen: 87.760 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133315.D
Acq: 09 May 2023 14:00

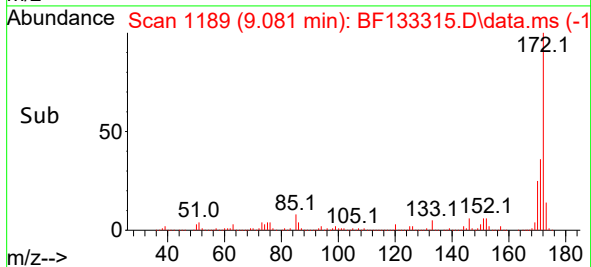
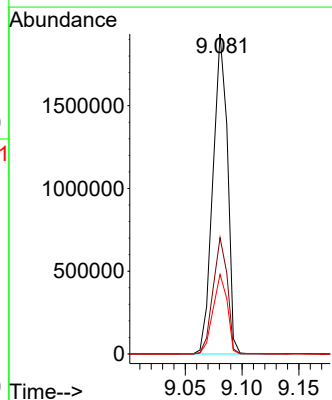
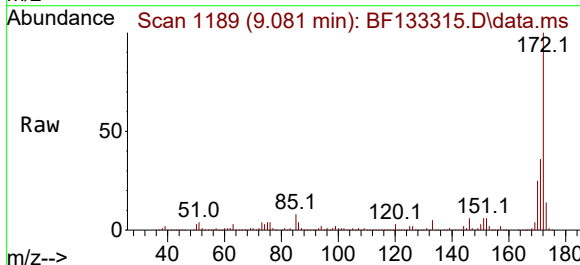
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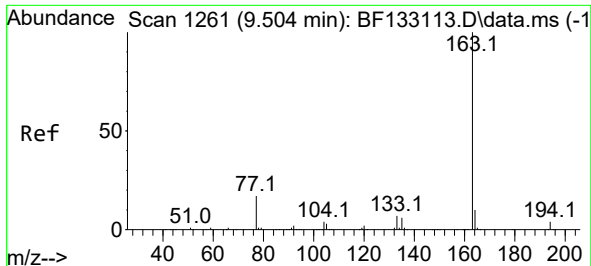
Tgt Ion:330 Resp: 398576
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 32.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 63.595 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133315.D
Acq: 09 May 2023 14:00

Tgt Ion:172 Resp: 1716642
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.8 19.4 29.2

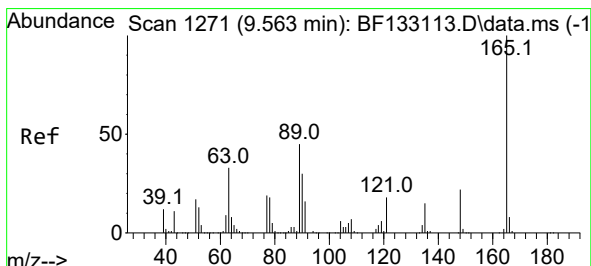
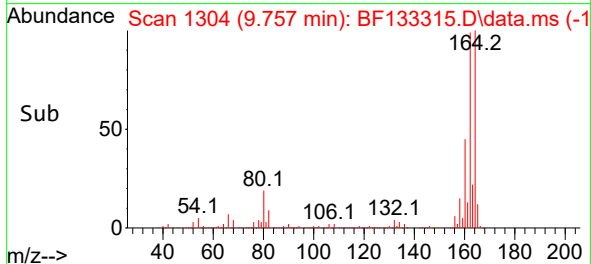
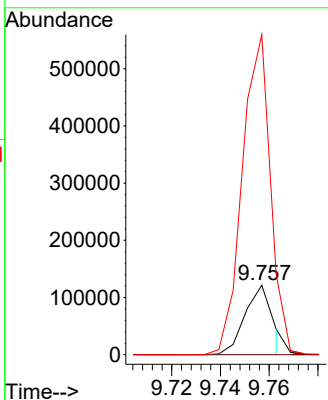
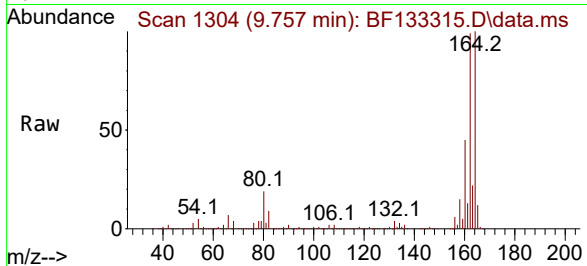




#50
Dimethylphthalate
Concen: 2.994 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF133315.D
Acq: 09 May 2023 14:00

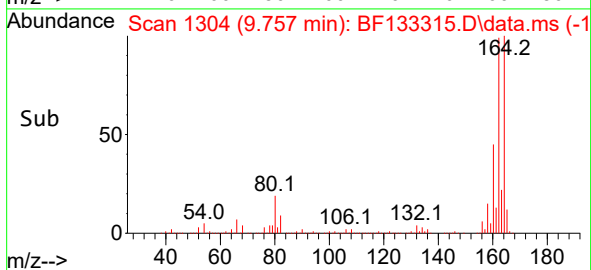
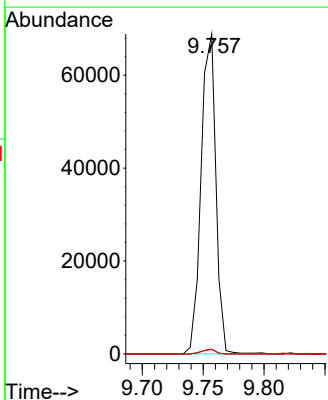
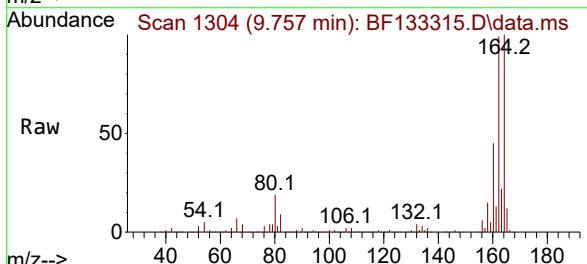
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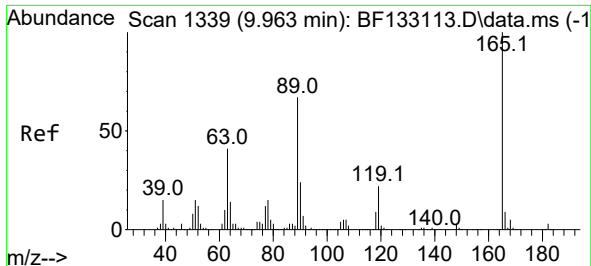
Tgt Ion:163 Resp: 94286
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 461.1 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.209 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133315.D
Acq: 09 May 2023 14:00

Tgt Ion:165 Resp: 58177
Ion Ratio Lower Upper
165 100
63 1.5 45.9 68.9#
89 1.4 44.0 66.0#

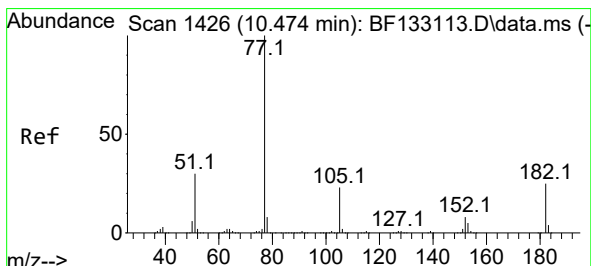
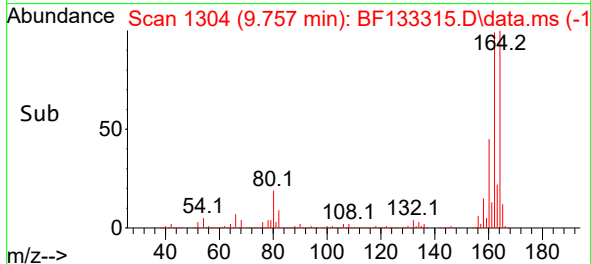
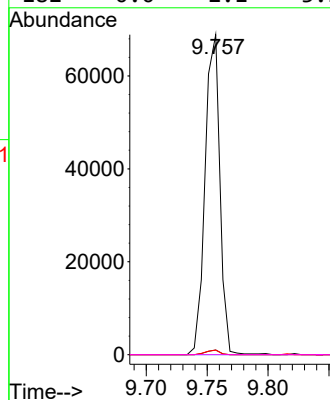
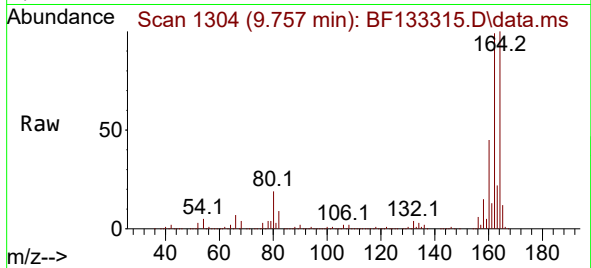




#57
2,4-Dinitrotoluene
Concen: 6.437 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133315.D
Acq: 09 May 2023 14:00

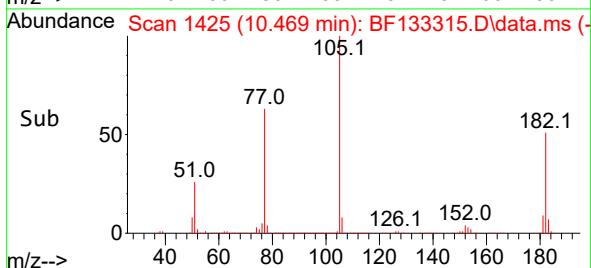
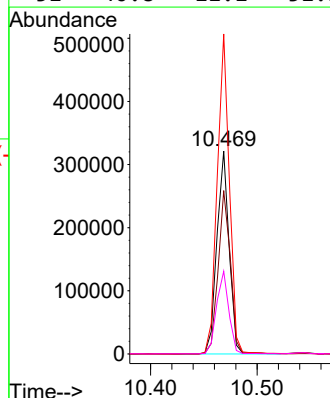
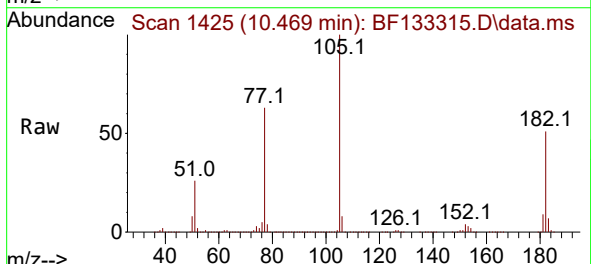
Instrument :
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ClientSampleId :
TR-612-COMP-01

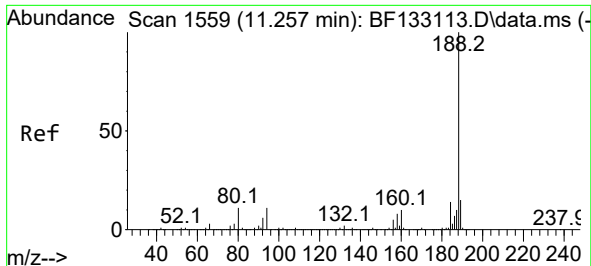
Tgt Ion:165 Resp: 58177
Ion Ratio Lower Upper
165 100
63 1.5 37.7 56.5#
89 1.4 57.0 85.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 8.147 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF133315.D
Acq: 09 May 2023 14:00

Tgt Ion: 77 Resp: 256683
Ion Ratio Lower Upper
77 100
182 80.5 5.9 45.9#
105 157.7 2.3 42.3#
51 40.8 11.1 51.1

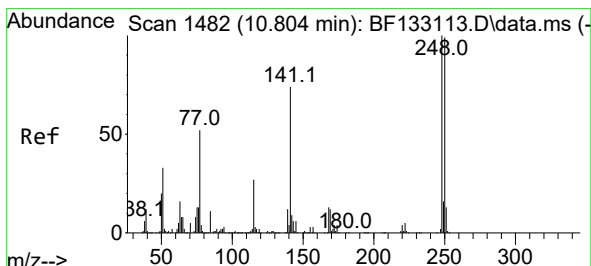
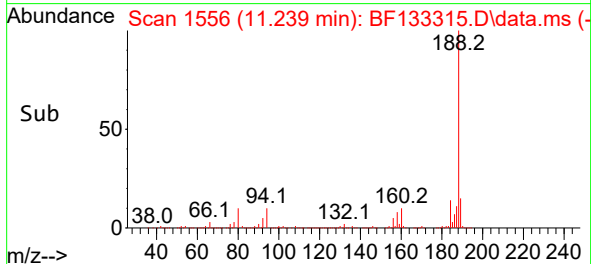
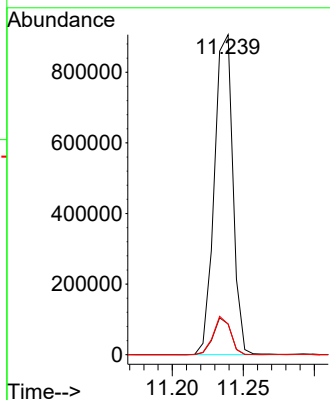
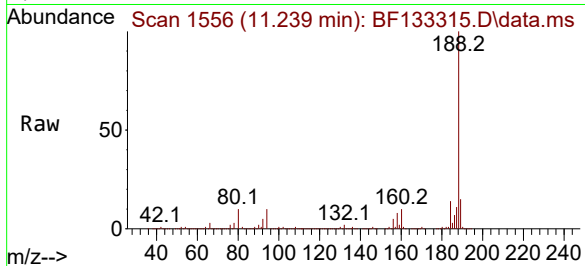




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133315.D
Acq: 09 May 2023 14:00

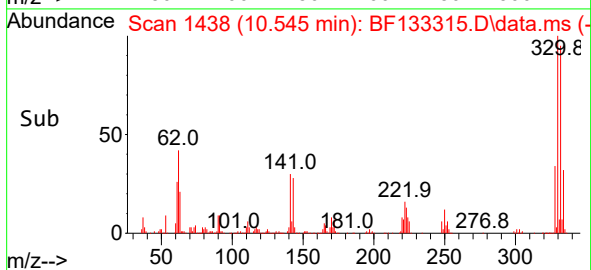
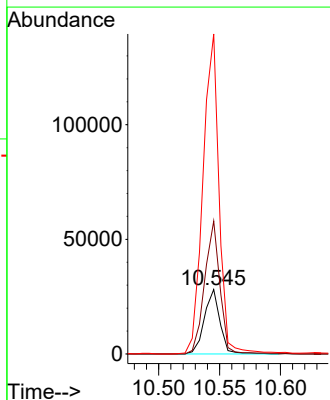
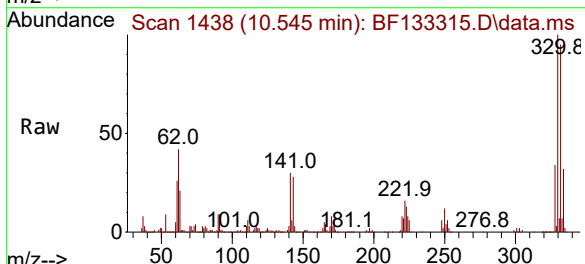
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-01

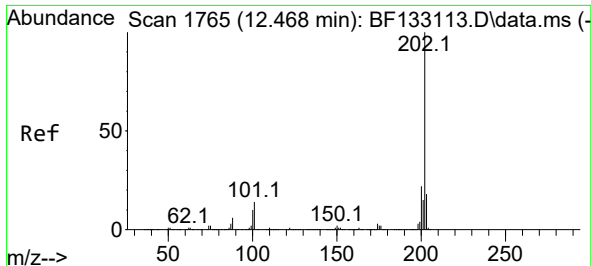
Tgt Ion:188 Resp: 822077
Ion Ratio Lower Upper
188 100
94 9.6 9.7 14.5#
80 9.6 10.4 15.6#



#67
4-Bromophenyl-phenylether
Concen: 2.801 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.247 min
Lab File: BF133315.D
Acq: 09 May 2023 14:00

Tgt Ion:248 Resp: 24976
Ion Ratio Lower Upper
248 100
250 206.3 78.7 118.1#
141 496.1 56.3 84.5#

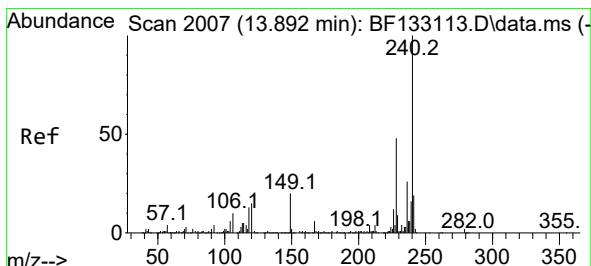
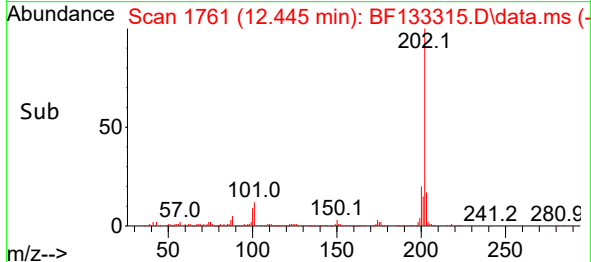
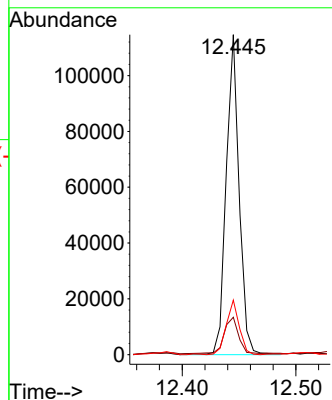
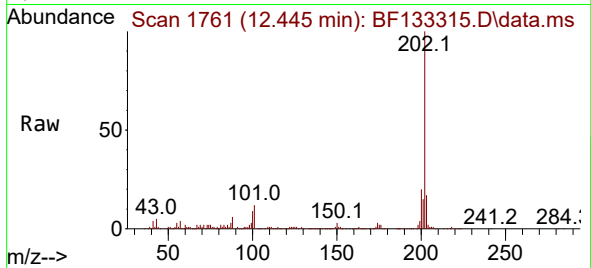




#75
Fluoranthene
Concen: 2.050 ng
RT: 12.445 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133315.D
Acq: 09 May 2023 14:00

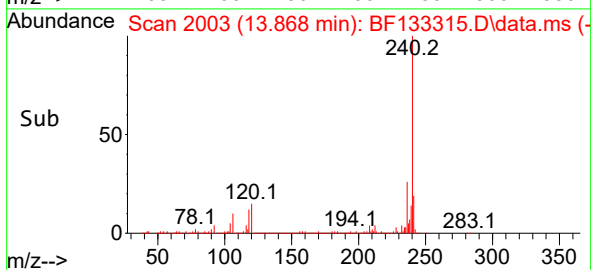
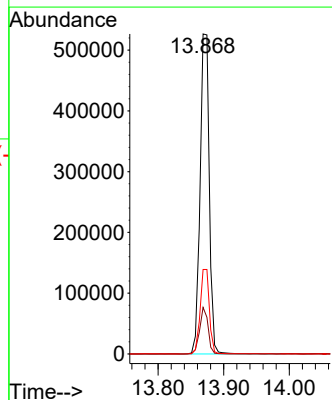
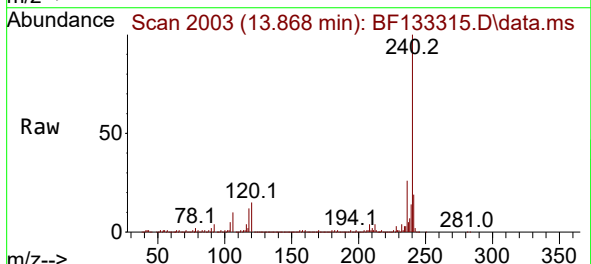
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-01

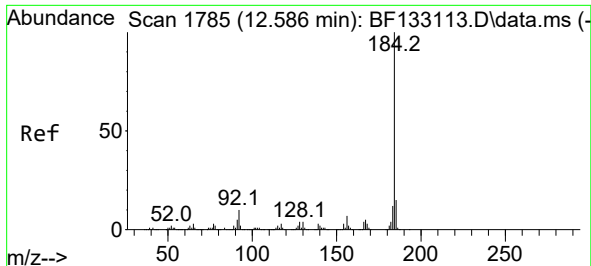
Tgt Ion:202 Resp: 90913
Ion Ratio Lower Upper
202 100
101 11.7 0.0 35.3
203 17.0 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133315.D
Acq: 09 May 2023 14:00

Tgt Ion:240 Resp: 515372
Ion Ratio Lower Upper
240 100
120 14.6 10.5 15.7
236 26.4 21.5 32.3

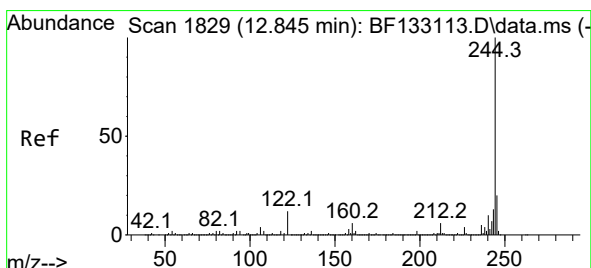
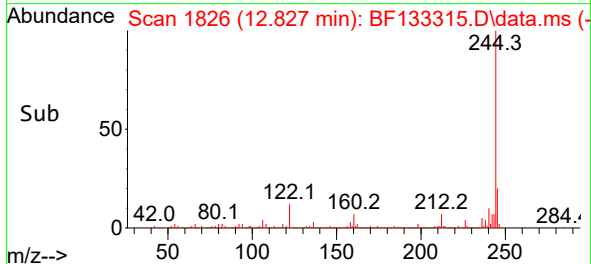
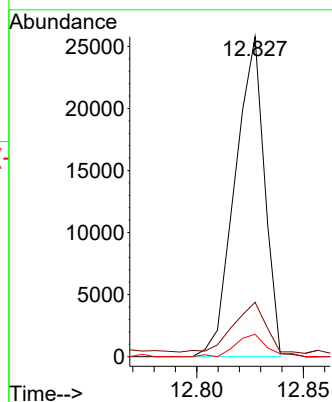
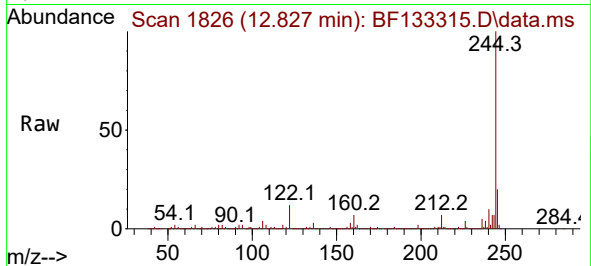




#77
Benzidine
Concen: 2.839 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.253 min
Lab File: BF133315.D
Acq: 09 May 2023 14:00

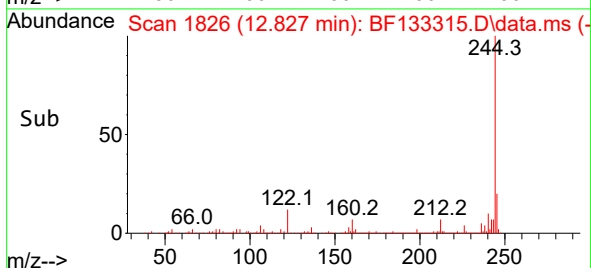
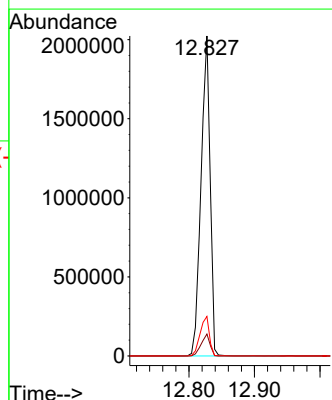
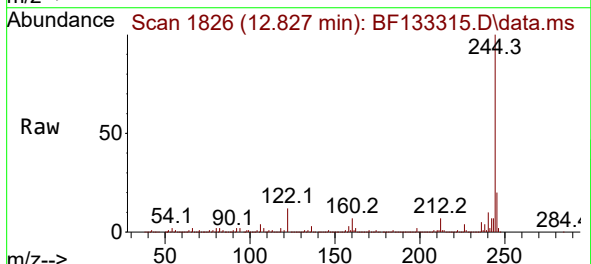
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-01

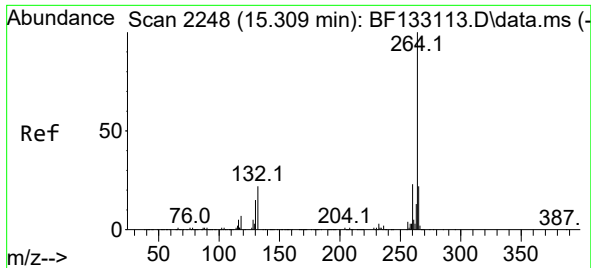
Tgt Ion:184 Resp: 24746
Ion Ratio Lower Upper
184 100
185 17.0 15.4 23.2
183 7.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 65.457 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF133315.D
Acq: 09 May 2023 14:00

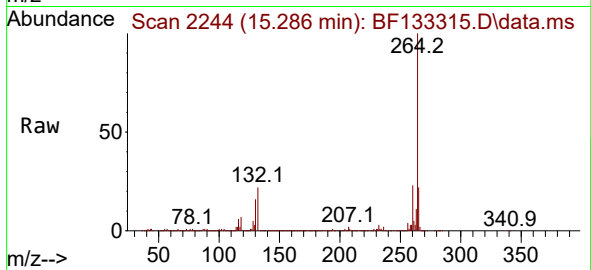
Tgt Ion:244 Resp: 1956019
Ion Ratio Lower Upper
244 100
212 6.8 5.1 7.7
122 12.3 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.286 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133315.D
Acq: 09 May 2023 14:00

Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-01



Tgt Ion:264 Resp: 409120

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.7	17.0	25.4

